

(12) **EUROPEAN PATENT APPLICATION**

(21) Application number: 85105962.6

(51) Int. Cl.³: B 29 C 45/27

(22) Date of filing: 15.05.85

(30) Priority: 16.05.84 IT 2182184 U

(43) Date of publication of application:
27.11.85 Bulletin 85/48

(88) Date of deferred publication of search report: 07.01.88

(84) Designated Contracting States:
AT BE CH DE GB LI LU NL SE

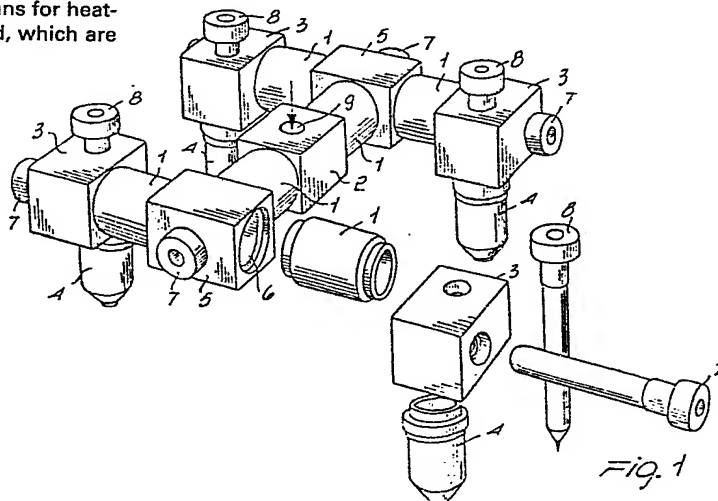
(71) Applicant: **CONTHERM S.r.l.**
Strada Anulare 3
I-20090 Segrate Milano San Felice (Province of Milano)(IT)

(72) Inventor: **Monti, Flavio**
Via Milano 4
I-20020 Lazzate(IT)

(74) Representative: **Modiano, Guido et al,**
MODIANO, JOSIF, PISANTY & STAUB Modiano &
Associati Via Meravigli, 16
I-20123 Milan(IT)

(54) **Injection block structure for feeding molten thermoplastic material into molds.**

(57) The injection block structure for feeding molten thermoplastic material into molds, comprises modular elements (1,2,2a,3,3a,4,5) in mutually interchangeable association, channels (6) extend through the interiors of the modular elements (1,2,2a,3,3a,4,5) and are adapted for directing the molten thermoplastic material to the molds. In combination with the modular elements (1,2,2a,3,3a,4,5), means for heating (7,8) the thermoplastic material are provided, which are housed within the channels (6).





| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|--|--|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
| Y | US-A-4 422 841 (ALFONSI et al.) * Column 3, lines 16-66; figures 1-3 * | 1-9 | B 29 C 45/27 |
| Y | --- US-A-4 033 485 (KOHLER) * Column 2, lines 60-63; figure 5 * | 1-9 | |
| A | --- US-A-3 553 788 (PUTKOWSKI) * Column 2, lines 44-59, 65-71; figure 1 * | 1-9 | |
| E | --- PATENT ABSTRACTS OF JAPAN, vol. 9, no. 307 (M-435)[2030], 4th December 1985; & JP-A-60 143 922 (DAIWA KASEI KOGYO K.K.) 30-07-1985 ----- | 1-9 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl.4) |
| | | | B 29 C 45/00 |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 09-10-1987 | Examiner CUNY J.M.J.C. |
| CATEGORY OF CITED DOCUMENTS | | | |
| X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document | | T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document | |